Docket No.: E

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## IN TREALINGED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 3738

Examiner:

Serial No.: 09/811,360

Filed: March 16, 2001

In re Application of: Eugene M. Wolf

For: FACILE TOTAL SHOULDER ARTHROPLASTY APPARATUS AND METHOD

## Certificate of Mailing

Gerry Ubau

## TRANSMITTAL LETTER

Director of Patents Box Amendment Washington, D.C. 20231

Dear Sir,

Enclosed please find the following:

1. Preliminary Amendment;

2. Marked-up copy of the Preliminary Amendment.

Respectfully submitted, Sierra Patent Group, Ltd.

Dated:

10-18-01

Andrew V. Smith Reg. No. 43,132

Sierra Patent Group, Ltd. P.O. Box 6149 Stateline, NV 89449 (775) 586-9500 Docket No.: EVENTED STATES PATENT AND TRADEMARK OFFICE

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## PRELIMINARY AMENDMENT

Director of Patents Box Amendment Washington, D.C. 20231

Dear Sir,

Prior to examination, please amend the claims in the above-identified application as follows:

- 1. A total shoulder arthroplasty apparatus for recreating an anatomic proximal humeral configuration, comprising:
- a stemless humeral head for coupling to a cut humeral surface, wherein the humeral head includes a base having a rotationally-stabilizing base extension protruding therefrom for impaction into a cancellous region of the cut humeral surface.
- 8. A total shoulder arthroplasty apparatus for recreating an anatomic proximal humeral configuration, comprising:
- a stemless humeral head for coupling to a previously cut humeral surface, wherein the humeral head includes a base having a non stem-bearing, rotationally-stabilizing base extension protruding therefrom for impaction into a cancellous region of the cut humeral surface.

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16. A total shoulder arthroplasty apparatus for recreating an anatomic proximal humeral configuration, comprising:

a stemless humeral head for coupling to a cut humeral surface, wherein the humeral head includes a base having a rotationally-stabilizing base extension protruding therefrom for impaction into a cancellous, non-intramedullary region of the cut humeral surface.

23. A total shoulder arthroplasty apparatus for recreating an anatomic proximal humeral configuration, comprising:

a humeral head for coupling to a cut humeral surface, wherein the humeral head includes a base having a rotationally-stabilizing base extension protruding therefrom for impaction into a cancellous region of the cut humeral surface, and wherein the base extension is confined to protrude only into a ball region of the humerus, to which the humeral head couples, and which is above an elongate region of the humerus.

24. A total shoulder arthroplasty apparatus for recreating an anatomic proximal humeral configuration, comprising:

a humeral head for coupling to a cut humeral surface, wherein the humeral head includes a base having a rotationally-stabilizing base extension protruding therefrom for impaction into a cancellous region of the cut humeral surface, and wherein the extension is nonintrusive of an elongate humeral region below a humeral ball region including the humeral head.

Respectfully submitted, Sierra Patent Group, Ltd.

Dated: 10-18-01

Andrew V. Smith Reg. No. 43,132

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